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(54) Title: POLYETHER POLYAMINE AGENTS AND MIXTURES THEREFOR

(57) Abstract: Provided herein are polyamine precursors useful in the manufacture of epoxy resins. Use of a polyamine precursor according to the invention provides an epoxy resin formulation having an increased working time over prior art amines used for curing epoxies. Increased working times translate to the ability to manufacture composites which could not be made using conventional epoxy curing agents, such as composite blades for wind-driven turbines. Such polyamines are also useful in polyurea formulations for lengthening reaction time, thus allowing more flow of applied polyurea coatings prior to gellation.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/27082

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C08G 18/32, 65/26

US CL : 528/68, 419

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 528/68, 419

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,115,360 A (SCHULZE et al) 19 September 1978 (19.09.1978), see entire document, especially the formula on column 6, line 43.	1-5

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Further documents are listed in the continuation of Box C.

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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